

*phemus* (*Attacus polyphemus* of Fabricius), *Actias luna*, Linn. (*Attacus luna* of Fabricius), *Eacles imperialis* of Hubner, and the *Sphinx quinque-maculata* of authors. Before entering into a description of the anomalous forms, the writer deems it not amiss to detail the leading characters of the normal ones after their last skin moulting, and just prior to their assumption of the chrysalis condition.

*Actias luna*, Linn.

*Attacus luna*, Fabr. (normal.)

Des.—Length of caterpillar, three inches. General color, pale bluish-green. Head nearly elliptical, somewhat pearl colored. Oral appendages similarly colored. A pale yellow stripe extending along each side, just below the line of spiracles, from the first to the tenth segment; narrow transverse bands of a similar color between the rings, continued from side to side, crossing the dorsum. On each ring there are six pearl-colored warts, tinged with purple, and at the posterior part of the abdomen three brown spots, edged above with yellow. Specimens captured in August whilst feeding upon the Black Walnut (*Fuglans nigra*.)

Variety of same.

Des.—Length, two and three-eighth inches. General color, reddish brown inclining to dullness. Head and oral appendages similar. The lateral and transverse stripes wanting, passing, no doubt, through the various shades of yellow, orange, red, into the general color of the body. Posterior brown abdominal spots present, but lacking the yellow edging and shining very conspicuously from the depth of their color. The six pearl-colored warts, with their purple tinge, have assumed a richer hue, blazing like a coronet of rubies. Taken in October, early part, while feeding upon *Fuglans nigra*. Cocoons of a beautiful reddish brown. Number of specimens taken, six.

*Telea polyphemus* (normal).

Des.—Length, three inches. General color, golden green. Head light brown, nearly elliptical; mouth pieces similarly colored. A transverse, conspicuously-colored yellow band on the posterior margin of the pro-thoracic segment. Six rows of gold-colored warts, two dorsal, two lateral, and two sub-lateral, reaching from the meso-thoracic to the eighth abdominal ring; each wart tipped with two moderately long blackish hairs. Between the rings, from the fourth to the tenth segment, a trans-